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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, Mimarlık, Mimarlık, Turkey 2008 - 2014

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, -, Turkey 2005 - 2008

Undergraduate, Middle East Technical University, Faculty Of Architecture, Department Of Architecture, Turkey 1999 - 2004

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Mimari Tasarım Alanında Kullanıcı Erişilebilirliğinin Genetik Algoritma ile Optimizasyonu: Sağlık Kampüsü Uygulaması, Istanbul Technical University, Mimarlık, Mimarlık, 2014

Postgraduate, Bina enerji performans simülasyonunun mimari tasarım stüdyosuna entegrasyonu, Gazi University, Fen Bilimleri Enstitüsü, -, 2008

Research Areas

Building Information, Building Design, Architectural Design

Academic Titles / Tasks

Assistant Professor, Istanbul Technical University, Mimarlık, Mimarlık, 2020 - Continues

Advising Theses

Güleç Özer D., Developing The Spatial Performance of Puzzle Games in Virtual Reality Environments with Spatial Presence, Postgraduate, M.TAŞDELEN(Student), 2023

Güleç Özer D., Sönmez M., Thinking and Producing The Future in The Practical and Educational Fields of Architecture

During and After The Covid 19 Pandemic, Postgraduate, D.ŞAHİN(Student), 2022

Güleç Özer D., Tasarım sürecinde bir soyutlama aracı olarak düşük poligonlu dijital modelleme metodları üzerine bir inceleme, Postgraduate, M.MÜNİR(Student), 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Exploring multidimensional aspects of walkability: An innovative analysis approach in Besiktas, Istanbul**
Yıldırım Ö. C., Sungur A., Ozer D.
Frontiers of Architectural Research, vol.12, no.6, pp.1097-1126, 2023 (AHCI)
- II. **Architectural design communication (ADC) in online education during COVID-19 pandemic: a comparison of Turkish and Spanish universities**
Akçay Kavakoğlu A., Güleç Özer D., Domingo-Callabuig D., Bilen O.
OPEN HOUSE INTERNATIONAL, vol.47, no.2, pp.361-384, 2022 (AHCI)
- III. **EVALUATION OF THE INTEGRATION OF BIKE ROUTES TO THE RAIL TRANSPORT SYSTEM IN ZEYTİNBURNU DISTRICT**
Güleç Özer D., Yıldırım Ö. C., Uyduran H. G., Turkkan D., Eyce N.
METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.39, no.1, pp.193-213, 2022 (AHCI)

Articles Published in Other Journals

- I. **Competition-based digital design studio experience**
Güzelci O. Z., Güleç Özer D., Şencan İ.
A|Z ITU Mimarlık Fakültesi Dergisi, vol.20, no.2, pp.281-297, 2023 (Scopus)
- II. **A study on digital low poly modeling methods as an abstraction tool in design processes**
Keleşoğlu M. M., Güleçözer D.
Civil Engineering and Architecture, vol.9, no.7, pp.2570-2586, 2021 (Scopus)
- III. **A Spatial Analysis of Gaziantep Railway and Its Station Throughout History**
AYCI H., GÜLEÇ ÖZER D., güleç a.
Periodica Polytechnica Architecture, vol.51, no.2, pp.196-208, 2020 (Peer-Reviewed Journal)
- IV. **Sustainable street architecture and its effects on human comfort conditions: Yazd, Iran**
Yardımlı S., Güleç Özer D., Shahriari A.
İTU AZ, vol.17, no.2, pp.113-122, 2020 (Scopus)
- V. **CO-LIVING PRACTICES OF YOUNG AND ELDERLY FROM THE PERSPECTIVE OF SOCIAL SUSTAINABILITY- M:U:T:U:A:L**
SAĞIROĞLU M. P., YILDIZ S., KÖSEOĞLU ÇAMAŞ E., GÜLEÇ ÖZER D.
Uluslararası Hakemli Mimarlık ve Tasarım Dergisi, vol.5, no.15, pp.60-84, 2018 (Peer-Reviewed Journal)
- VI. **Sürdürülebilir Yapı Örneği Olarak Yazd'da Konut Analizi**
YARDIMLI S., Shahriary A., GÜLEÇ ÖZER D.
Online Journal of Art and Design, vol.6, no.5, pp.39-53, 2018 (Peer-Reviewed Journal)
- VII. **Kent Kimliğinin Tanımlanmasında Kültür Envanterinin Rolü: Bitlis Sivil Mimarisi**
BENLİ G., GÜLEÇ ÖZER D.
Uluslararası Hakemli Tasarım ve Mimarlık Dergisi, no.13, pp.92-124, 2018 (Peer-Reviewed Journal)
- VIII. **Movement as a Design Parameter: Studio Works: 2014-2016**
Güleç Özer D., Akçay A.
Int. J. of Design Nature and Ecodynamics, vol.12, no.2, pp.194-203, 2017 (Scopus)
- IX. **Stüdyo Mekanının Tasarımsal Gücü: Harvard GSD**
GÜLEÇ ÖZER D., AYCI H.
Mimarlık, no.396, pp.50-55, 2017 (Peer-Reviewed Journal)

- X. **Future of the Street: Reading From William J. Mitchell's City of Bits**
GÜLEÇ ÖZER D.
IJEMME, vol.7, no.2, pp.1379-1383, 2017 (Peer-Reviewed Journal)
- XI. **Kentsel Sürdürülebilirlik: Ankara Kent Planları Örnekleri Üzerinden Bir İnceleme**
GÜLEÇ ÖZER D., BAŞKURT H. B.
Aurum Journal of Engineering Systems and Architecture, vol.1, no.1, pp.79-92, 2017 (Peer-Reviewed Journal)
- XII. **Yaratıcılık ve Oyun Kavramlarının Bilgisayar Destekli Tasarım Sürecinde İncelenmesi**
GÜLEÇ ÖZER D., TURGAY O.
Online Journal of Art and Design, vol.4, no.3, 2016 (Peer-Reviewed Journal)
- XIII. **Augmented Reality AR of Historic Environments Representation of Parion Theater BIGA TURKEY**
Güleç Özer D., Nagakura T., Vlavianos N.
AJZ : ITU JOURNAL OF FACULTY OF ARCHITECTURE, vol.13, no.2, pp.1-9, 2016 (Scopus)
- XIV. **Ecological Architectural Design Education Practices via Case Studies**
GÜLEÇ ÖZER D., TURAN B. O.
Megaron, vol.10, no.2, pp.113-129, 2015 (Peer-Reviewed Journal)
- XV. **User Accessibility Optimization Using Genetic Algorithm aDA**
Güleç Özer D., Şener S. M.
AJZ : ITU JOURNAL OF FACULTY OF ARCHITECTURE, vol.10, no.2, pp.212-230, 2013 (Scopus)
- XVI. **Use of Laser Scanning for Cultural Heritage Documentation**
BENLİ G., GÜLEÇ ÖZER D.
International Journal of Electronics, Mechanical and Mechatronics Engineering (IJEMME), vol.3, no.1, pp.447-454, 2013 (Peer-Reviewed Journal)
- XVII. **Computability of Design By Means of Its Cognitive Content**
GÜLEÇ ÖZER D.
International Journal of Electronics, Mechanical and Mechatronics Engineering (IJEMME), vol.2, no.4, pp.335-343, 2012 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Systematic Review of Robotic 3d Concrete Printing**
Yabanigül M., Güleç Özer D.
ASCAAD 2023: : C+++ Computation, Culture and Context, 11th International Conference of the Arab Society for Computation in Architecture, Art and Design, Amman, Jordan, 7 - 09 November 2023, vol.1, pp.750-766
- II. **Use of Generative Systems to Create Semi-Public Spaces in Contemporary Neighborhood Texture**
KALAK D., AYDIN S., GÜLEÇ ÖZER D.
ASCAAD 2023: C+++ Computation, Culture and Context, 11th International Conference of the Arab Society for Computation in Architecture, Art and Design, Amman, Jordan, 07 November 2023, pp.306-323
- III. **Fostering Cultural Heritage Awareness through Game Elements: Route Design for Mixed Reality Experience of the Yedikule Fortress**
Gül L. F., Yağmur Kilimci E. S., Güleç Özer D., Moraloğlu B., Coşkun E.
C+++ : Computation, Culture, and Context – Proceedings of the 11th International Conference of the Arab Society for Computation in Architecture, Art and Design, Amman, Jordan, 07 November 2023, vol.1, pp.652-666
- IV. **Photogrammetric model optimization in digitalization of architectural heritage: Yedikule fortress**
Sancak N., Uzun F., Turhan K., Saraoğlu Yumni H., Özer D.
29th CIPA Symposium on Documenting, Understanding, Preserving Cultural Heritage. Humanities and Digital Technologies for Shaping the Future, Florence, Italy, 25 - 30 June 2023, vol.48, pp.1403-1410
- V. **Exploring the Research Trajectories in VR Game Environments: A Systematic Review on Spatial Ability and Presence Relationship**
Taşdelen M., Güleç Özer D., Akçay Kavakoğlu A.
XVII. MİMARLIKTA SAYISAL TASARIM ULUSAL SEMPOZYUMU, İstanbul, Turkey, 17 - 20 June 2023, pp.139-158

- VI. **The Quest of Spatial Presence by Puzzle-Solving Games in VR**
Tasdelen M., Ozer D., Kavakoglu A. A.
41st Conference on Education and Research in Computer Aided Architectural Design in Europe, eCAADe 2023, Graz, Austria, 20 - 22 September 2023, vol.2, pp.833-842
- VII. **Experiencing Cultural Heritage Through Gamification: Mardin orphanage**
Kalak D., Özer D., Aydın S.
41st Conference on Education and Research in Computer Aided Architectural Design in Europe, eCAADe 2023, Graz, Austria, 20 - 22 September 2023, vol.2, pp.671-680
- VIII. **A Pre-Evaluation Tool for Interior Designs of High-Rise Office Buildings by User Movement Simulation after Covid'19**
GÜLEÇ ÖZER D., Erdil F., Kızı K.
SİGRADİ, Lima, Peru, 07 November 2022
- IX. **Mimarlık eğitimi ve pratiğinin geleceği üzerine düşünmek**
ŞAHİN KARAASLAN D., SÖNMEZ M., GÜLEÇ ÖZER D.
5. Yapı Kongresi, Ankara, Turkey, 09 September 2021, pp.423-435
- X. **Route Generator for Integrating Cultural Heritage to Smart City: ontheroute**
YILDIRIM Ö. C., GÜLEÇ ÖZER D., SUNGUR A.
Euromed 2020, 2 - 05 November 2020
- XI. **ARCHITECTURAL DESIGN SUPPORTED WITH AGENTBASED DESIGN SYSTEMS: CASE OF A PSYCHIATRIC HOSPITAL**
GÜLEÇ ÖZER D.
Generative Art 2018, Verona, Italy, 18 - 21 December 2018
- XII. **Sosyal Sürdürülebilirlik Bağlamında Alternatif Yaklaşımlar: Yaşlı ve Genç Bireylerin Ortak Barınma Pratikleri**
YILDIZ S., Sipahi P., KÖSEOĞLU ÇAMAŞ E., GÜLEÇ ÖZER D.
İstanbul 1. Konut Kurultayı, İstanbul, Turkey, 10 - 11 May 2018
- XIII. **Mimari Tasarım İletişim Dili'nin (MTID) Etkin Kullanımının Mimarlık Eğitimi Kapsamında Değerlendirilmesi**
GÜLEÇ ÖZER D., AKÇAY A.
Uluslararası Mimarlık ve Tasarım Sempozyumu, İstanbul, Turkey, 1 - 02 December 2017
- XIV. **A Critical View on Design of Urban Buildings: Balıkesir Municipality Design Competition /Turkey**
SÖNMEZ M., GÜLEÇ ÖZER D.
Prooceeding in UIA 2017, SEUL, South Korea, 3 - 07 September 2017
- XV. **Movement as a Design Parameter Studio Works 2014 2015**
GÜLEÇ ÖZER D., Akçay Kavakoğlu A.
Wessex Institute of Technology Design and Nature Conference, New Forest, United Kingdom, 13 - 15 September 2016
- XVI. **Simplifying Architectural Heritage Visualization AUGMENTEDparion**
Güleç Özer D., Nagakura T.
eCAADe, Oulu, Finland, 24 - 26 August 2016
- XVII. **Mekansal Erişilebilirlik 2 Bilişim Alanında Kullanıcı Hareketlerini İnceleyen Metodlar**
GÜLEÇ ÖZER D., ŞENER S. M.
2.Ulusal Engelleştirilenler Sempozyumu, Konya, Turkey, 7 - 09 April 2016, pp.30-42
- XVIII. **Mekansal Erişilebilirlik 1 Kullanıcı Hareketleri Açısından bir İnceleme**
GÜLEÇ ÖZER D., ÖZKAN ÖZBEK M., ŞENER S. M.
2.Ulusal Engelleştirilenler Sempozyumu, Konya, Turkey, 7 - 09 April 2016, pp.16-29
- XIX. **Optimization of User Accessibility Using Genetic Algorithm**
GÜLEÇ ÖZER D., ŞENER S. M., zaman ç.
Generative Art Conference, Lucca, Italy, 10 - 13 December 2012
- XX. **Through an Interdisciplinary Education Dissolving in the Context of Mardin**
GÜLEÇ ÖZER D., TORUS B., şen a. k., ŞENER S. M.

1st International Graduate Research Symposium on the Built Environment, Ankara, Turkey, 15 - 16 October 2010, vol.1, pp.251-256

XXI. Enerji Etkin Ekolojik Mimari Eğitiminin Mimari Tasarım Stüdyosu Bağlamında İncelenmesi

GÜLEÇ ÖZER D., utkutuğ g.

Mimarlık Eğitiminin Dünü, Bugünü, Yarını Sempozyumu, Konya, Turkey, 25 - 27 November 2010, pp.260-270

Supported Projects

Güleç Özer D., Yabanigül M. N., Project Supported by Higher Education Institutions, Robotik Fabrikasyonda Beton Kullanımı: Strüktürel Sistem Birimlerinin Form-Üretim Yöntemi Davranış Biçimleri, 2022 - Continues

Günay Z., Akçakaya Waite İ., Yücesoy E., Güleç Özer D., Akçay Kavakoğlu A., Almaç B., Eser B., Öz Yılmaz E., Erasmus Project, CIRC.LE: Circular & Socio-Civic Learning Hub (AB Erasmus+ KA220 Stratejik Ortaklık Programı destekli; Proje no: KA220-HED-3EC00D34), 2022 - 2025

Güleç Özer D., Project Supported by Higher Education Institutions, Karma Gerçeklik Mecralarında İç Mimari Etkileşim Platformu Önerisi, 2022 - 2023

Şener S. M., Doma O. O., Güleç Özer D., Project Supported by Higher Education Institutions, DREAMSCAPE: Mimari Tasarım ve Eğitiminde Sanal Gerçeklik Kullanımı, 2018 - 2023

Güleç Özer D., Industrial Thesis Project, Ofis Mekanlarında Kullanıcı Hareketine Bağlı Olarak Mekan Sentaksı Analizi ile İç Mimari Uygulamalarının Geliştirilmesi, 2021 - 2022

Metrics

Publication: 53

Citation (Scopus): 29

H-Index (WoS): 1

H-Index (Scopus): 4

Non Academic Experience

Massachusetts Institute of Technology

Kerem Yazgan Mimarlık Ofisi